Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 31885 CONFIDENTIAL	API No. 15 - 007-22758-00-00
Name: M&M Exploration, Inc.	County: Barber County, Kansas
Address: 3173 West 11th Avenue Drive	SW SW NW Sec. 10 Twp. 34 S. R. 15 East West
City/State/Zip: Broomfield, Colorado 80020	2200 feet from S / (N) (circle one) Line of Section
Purchaser:	feet from E / W (circle one) Line of Section
Operator Contact Person: Mike Austin	Footages Calculated from Nearest Outside Section Corner:
Phone: (303) 466-6227	(circle one) NE SE (NW) SW
Contractor: Name: Duke Drilling Co., Inc.	Lease Name: Z Bar Well #: 10-5
License: 5929 RECEIVED	Field Name:
Wellsite Geologist: Mike Pollok	Producing Formation: Mississippian Dolomite
Designate Type of Completion: DEC 1 5 2003	Elevation: Ground: 1602 Kelly Bushing: 1615
x New Well Re-Entry Workec WICHITA	Total Depth: 5200 Plug Back Total Depth: 4954
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
X Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows: DEC 1/2 2003	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name: CONFIDENTIA	
Original Comp. Date: Original Total Depth:	Orilling Fluid Management Plan ALT I WHW (Data must be collected from the Reserve Pit) 2-7-07
Deepening Re-perfConv. to Enhr./SWD	Chloride contentppm Fluid volume 720bbls
Plug Back Total Depth	Dewatering method used Haul Off to Disposal
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	·
Other (SWD or Enhr.?) Docket No	Operator Name: Oil Producers, Inc. of Kansas
08-19-03 Spud Date or Recompletion Date 08-29-03 Date Reached TD Completion Date or Recompletion Date	Lease Name: May 13-3 SWD License No.: 8061 Quarter NW Sec. 13 Twp. 35 S. R.16 East ** County: Comanche Docket No.: D-27726
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3-nd geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate	the oil and gas industry have been fully complied with and the statements
nerein are complete and correct to the best of my knowledge.	
Signature: Muliel Mater	KCC Office Use ONLY
Title: President Date: 12/12	Letter of Confidentiality Attached
Subscribed and sworn to before me this 12 day of 2014	If Denied, Yes Date:
0 2003	Wireline Log Received
And the sealon	Geologist Report Received
Notary Public: Clara Carlo Company	UIC Distribution
Date Commission Expires:	AT L

- X

Operator Name: M	M&M Exploration	on, Inc.	Lease	Name:.	Z Bar		Well #:	10-5
Sec. 10 Twp. 3	84 S. R. 15	East West			rber Count	y, Kansas		
INSTRUCTIONS: Statested, time tool oper temperature, fluid rec	now important tops are and closed, flowing covery, and flow rates	nd base of formations pand shut-in pressures, if gas to surface test, hal geological well site	whether shalong with fire	ut-in pr	essure reached	static level, hydro	ostatic pressu	ires, bottom hole
Drill Stem Tests Take		x Yes ☐ No		[_] k	.og Formati	on (Top), Depth a		Sample
Samples Sent to Geo	blogical Survey	Yes No	Yes 🗷 No		ne	the	Тор	Datum
		Yes No			A & K			
		X Yes No			Penn Heebner Lansing Cherokeep Wiss Viola Penn Heebner A A A A A A A A A A A A A			
List All E. Logs Run:				Lansing 2 4102 (-248 4700 (-308 4746 (-313		3084) 3130)		
Array Indu Sonic, Mic		Density/Neu	tron	Vi	ola	5		3416)
		CASING Report all strings set-	RECORD	X Ne		tion atc		
Purpose of String	Size Hole	Size Casing	Weigl	ht	Setting	Type of	# Sacjs	Type and Percent
Conductor	Drilled	Set (In O.D.)	Lbs. / 1	Ft.	Depth 40 T	Cement	Used	Additives
Surface	12-1/4	8-5/8"	234	ŧ	980*	ALW Class A	300 125	3%cc 3%cc 2%ge1
Production	7-7/8"	4-1/2"	10.5	5 <i>#</i>	4954	ASC	165	5#kolseal
		ADDITIONAL	CEMENTIN	G / SQL	JEEZE RECORD			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks L	Jsed		Type and P	Percent Additive	S
Shots Per Foot		N RECORD - Bridge Plug			Acid, Frac	ture, Shot, Cement	Squeeze Reco	rd
	Specify Fo	otage of Each Interval Per	forated			nount and Kind of Ma		Depth
2	4750-4830					1 15% NE 00 BBL Wa	five adversariance and a second	4750- 4830
					80000 #			
TUBING RECORD	Size 2 3/8	Set At 4705	Packer At		Liner Run	Yes 🙀 No		
Date of First, Resumerd I			nod	I				
	2003		×	Flowing	Pumpin	g Gas Lift	Oth	er <i>(Explain)</i>
Estimated Production Per 24 Hours	Oil Bb	ls. Gas	Mcf	Water	r Bb	ls. G	as-Oil Ratio	Gravity
Disposition of Gas	10 METHOD OF COM	200 MPLETION			Production Interv		20,000	29
Vented ∑Sold (If vented, Sum	Used on Lease	Open Hole Other (Specia	XXPerf.	De	ually Comp.	Commingled	1750-48	30

SERVICE POINT	to dare
7.00	7 7 7

CONFIDENTIAL	ORIGINAL
ALLIED CEMEN	ITING CO., INC. 12833
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 Federal Tax I.I KCC DEC. 1 2 2003	service point de la
DATE 8-19-03 SEC. TWP. RANGENFIDENTIAL	ALLED OUT ON LOCATION JOB START JOB FINISH JOS STATE
OLD OR NEW (Circle one) LOCATION Aetna OLD OR NEW (Circle one)	Rd S to Cottage Barter KS
CONTRACTOR Dake #7 TYPE OF JOB Surface	OWNER MAM Exploration
HOLE SIZE T.D. 985 CASING SIZE 8-1/4 DEPTH 985	CEMENT AMOUNT ORDERED 300 SX (5.35.6 +
TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL AFU Insert DEPTH 940	3% ec + 15 5% cc + 20/0 ger 125 A
PRES. MAX 200 MINIMUM MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	COMMON 4 25 @ 7.75 \$93.75 POZMIX @ 20.00
PERFS. DISPLACEMENT 55 BOLS Fresh 48	CHLORIDE /4 @ 30,00 420,00 [130,00]
PUMP TRUCK CEMENTER MISTA HONTI	Flor Scal 75 4 @ 1.40 105.00
# 372 HELPER Mark Brungardt BULK TRUCK # 364 DRIVER Vanner FOX	######################################
BULK TRUCK #356-252 DRIVER Bill McAdoo	RECEIVED TOTAL <u>4884.55</u> DEC 1 5 2003
Proc on STM Drop Ball Break Circ	KCC WICHITA SERVICE
JBBLS # 8 Drop Ball Break Circ	DEPTH OF JOB 985 PUMP TRUCK CHARGE 0-300' 5-20,000
Refease Plug Asp Stops Fresh	EXTRA FOOTAGE (85 @ ,50 342.50 MILEAGE 45 @ 3.50 157.50 PLUG 87 7 (0.00 100,00
erragorred cement	
CHARGE TO: M+ M Exploration	TOTAL CONTRACTOR
STREET STATE ZIP	FLOAT EQUIPMENT AFU +15e-1 @ 325.00 325.00
	Suspert 1 @ 180,00 180,00 - Central zers @ 55,00 110,00
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was	TOTAL 615,00
done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.	TAXTOTAL CHARGE
1 Amel	DISCOUNT IF PAID IN 30 DAYS
SIGNATURE Ranke / VI ANY APP	LICABLE TAX PRINTED NAME

WILL BE CHARGED **UPON INVOICING**

CONFIDENTIAL

done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND

CONDITIONS" listed on the reverse side.

ORIGINAL

ALLIED CEMENTING CO., INC. 12889

i odorar ra	x I.D.#		
REMIT TO P.O. BOX 31	SER'	VICE POINT:	
RUSSELL, KANSAS 67665		Medicin	e Lodes
DEC: 1 /			/
DATE \$30 SEC. TWP. RANGE IS CONFID	CALLED OUT ON LOCATION	JOB START	JOB FINISH A
LEASEZ-Bar WELL# 10-5 LOCATION AS-/	na Rd South to	COUNTY	STATE
OLD OR NEW (Gircle one) Co Hage Cre	ek Rd 345 14N 18 14		
CONTRACTOR Duke = 5		ploration	
TYPE OF JOB Production	· · · · · · · · · · · · · · · · · · ·	210.41102	
HOLE SIZE 7 % T.D. 5100 +	CEMENT		
CASING SIZE 4/2 × 10.5 DEPTH 4954	AMOUNT ORDERED 25 52	60:40:	6
TUBING SIZE DEPTH	165 5x ASC +5 Holse	EL 4.5% F	
DRILL PIPE DEPTH	500 Gals mudele	an	
TOOL DEPTH			
PRES. MAX /OGO MINIMUM —	COMMON 4 5 5K		107-25
MEAS. LINE SHOE JOINT	POZMIX 10 sx		38.00
CEMENT LEFT IN CSG.	GEL 2 _5×		20.00
PERFS. DISPLACEMENT 1814 Bhls Fireshington	CHLORIDE	_@	1//90 - 0
	_ ASC 165 5x	_@ <u>9.00</u>	1485.00
EQUIPMENT	Kol-seac 825 = F1-160 78 =	_@_ <i>.5</i> 0	412.50
		_@ <u>\$.60</u>	624.00
PUMPTRUCK CEMENTER Lark Balding	MUd-clean Soo Gal	@ <u>• 73</u> @	375.00
#352 HELPER Dave Felio	HANDLING 240		276.00
BULK TRUCK	MILEAGE 240 x:05 x 4		540.00
#353 DRIVER Travy Cushingers	7		
BULK TRUCK —	RECEIVED	TOTAL	3877.7
# DRIVER		IOIAL	0017.1
	DEC 1 5 2003		
REMARKS:	KCC WICHITA SERVI	CE	
Run Casing Break circulation	DEPTH OF JOB 49541		
Rung 12 Bbls mud-clean with a	PUMP TRUCK CHARGE		
		121	(4.00
DOTTOM AUGUST DING. DIVE BAT + MOUS	EXTRA FOOTAGE		54.00
Hole w/ 25 xx 60:40:6. 5witch to	EXTRA FOOTAGE		157.50
	MILEAGE 4.5	@	
Hole w/ 25 sx 80:40.6 switch to	MILEAGE 4.5	_@ @ J.S O	<i> 57.50</i>
Hole w/ 25 sx 80:40:6 5witch to Casing, mix +punge 165 1x Asc Comen	MILEAGE 45 PLUG Top Rubber	@ @ 3.50 @ <u>48.00</u>	157.50 48.00
Hole w/ 25 sx 80:40:6 5witch to Casing, mix +punge 165 1x Asc Comen	MILEAGE 45 PLUG Top Rubber	@ @ 3.50 @ <u>48.00</u> @ <u>45.00</u>	157.50 48.00
Hole w/ 25 sx 80:40:6 5witch to Casing, Mix +punge 165 rx Asc Cemen Release pluy, + Displace with 18 45 Freshwater. Bung pluy + Float He	MILEAGE 45 PLUG Top Rubber	@ @ 3.50 @ <u>48.00</u> @ <u>45.00</u> @	157.50 48.00 45.00
Hole w/ 25 sx 80:40:6 5witch to Casing, Mix +punge 165 rx Asc Cemen Release pluy, + Displace with 18 45 Freshwater. Bung pluy + Float He	MILEAGE 45 PLUG Top Rubber	@ @ 3.50 @ <u>48.00</u> @ <u>45.00</u> @	157.50 48.00
Hole w/ 25 sx 80:40:6 5w; 724 to Crasing, Mix +punge 165 rx Asc Cemen Release plug, + Displace with 1845 Freshwater. Bung plug + Float Her CHARGE TO: M+M Exploration	MILEAGE 45 PLUG To Lubber Boltom Rubber Col	@	157.50 48.00 45.00
Hole w/ 25 sx 80:40:6 5witch to Casing, Mix +punge 165 rx Asc Cemen Release pluy, + Displace with 18 45 Freshwater. Bung pluy + Float He	MILEAGE 45 PLUG Top Rubber	@	157.50 48.00 45.00
Hole w/ 25 sx 80:40:6 5w; 724 to Crasing, Mix +punge 165 rx Asc Cemen Release plug, + Displace with 1845 Freshwater. Bung plug + Float Her CHARGE TO: M+M Exploration	MILEAGE 45 PLUG To Lubber Boltom Rubber Col	@	157.50 48.00 45.00
Hole w/ 25 sx 80:40:6 5w; 724 to Crasing, Mix +punge 165 rx Asc Cemen Release plug, + Displace with 1845 Freshwater. Bung plug + Float Her CHARGE TO: M+M Exploration STREET	MILEAGE 45 PLUG To Lubber Bothom Rubber FLOAT EQU 1- Reg Guide Shoe	@	157.50 48.00 45.00
Hole w/ 25 sx 80:40:6 5w; 724 to Crasing, Mix +punge 165 rx Asc Cemen Release plug, + Displace with 1845 Freshwater. Bung plug + Float Her CHARGE TO: M+M Exploration STREET	MILEAGE 45 PLUG To Lubber Bistom Rubber FLOAT EQU I- Reg Guide shoe I- Alter Float collar	@	157.50 48.00 45.00 15/4.50 125.60 245.00
Hole w/ 25 sx 80:40:6 5w; 724 to Crasing, Mix +punge 165 rx Asc Cemen Release plug, + Displace with 1845 Freshwater. Bung plug + Float Her CHARGE TO: M+M Exploration STREET	MILEAGE 45 PLUG To Lubber Bothom Rubber FLOAT EQU 1- Reg Guide Shoe	@	157.50 48.00 45.00 15/4.50 125.60 245.00
Hole w/ 25 sx 80:40:6 5w; 724 to Crasing, Mix +punge 165 rx Asc Cemen Release plug, + Displace with 1845 Freshwater. Bung plug + Float Her CHARGE TO: M+M Exploration STREET	MILEAGE 45 PLUG To Lubber BIS Bolfon Rubber FLOAT EQU I- Reg Guide Shoe I- Alfu Float collar I- Stop Ring I- Wasket	@ 3.50 @ 48.00 @ 45.00 @ TOTAL IPMENT @ 125.00 @ 245.00 @ 20.00 @ 116.00	157.50 48.00 45.00 1514.50 125.60 245.00 20.00 116.60
Hole w/ 25 sx 80:40:6 5w; 724 to Crasing, Mix +punge 165 rx Asc Cemen Release plug, + Displace with 1845 Freshwater. Bung plug + Float Her CHARGE TO: M+M Exploration STREET	MILEAGE 45 PLUG To Lubber Bistom Rubber FLOAT EQU I- Reg Guide shoe I- Alter Float collar	@	157.50 48.00 45.00 15/4.50 125.60 245.00
Hole w/ 25 sx 80:40:6 switch to Casing, Mix + punye 165 rx Asc Cement Release plug, + Displace with 18 45 Freshwater. Buny plug + Float He CHARGE TO: M+ M Exploration STREET CITY STATE ZIP To Allied Cementing Co., Inc.	MILEAGE 45 PLUG To Lubber BIS Bolfon Rubber FLOAT EQU I- Reg Guide Shoe I- Alfu Float collar I- Stop Ring I- Wasket	@ 3.50 @ 48.00 @ 45.00 @ TOTAL IPMENT @ 125.00 @ 245.00 @ 116.00 @ 45.00	157.50 48.00 45.00 15/4.50 125.60 245.00 20.00 116.60 450.00
Hole w/ 25 sx 80:40:6 5w; 724 to Classing, Mix tpunge 165 rx Asc Cement Release plug, + Displace with 1845 Freshwater. Bung plug + Float Her CHARGE TO: M+ M Exploration STREET CITY STATE ZIP	MILEAGE 45 PLUG To Lubber BIS Bolfon Rubber FLOAT EQU I- Reg Guide Shoe I- Alfu Float collar I- Stop Ring I- Wasket	@ 3.50 @ 48.00 @ 45.00 @ TOTAL IPMENT @ 125.00 @ 245.00 @ 116.00 @ 45.00	157.50 48.00 45.00 1514.50 125.60 245.00 20.00 116.60

ANY APPLICABLE TAX WILL BE CHARGED

UPON INVOICING

DISCOUNT -

PRINTED NAME

TOTAL CHARGE 6348.25